

FIG. 1

NUMBER OF CONNECTION POINTS	WIRE RESISTANCE VALUE	WIRE CAPACITANCE VALUE
2	10	100
3	20	150
4	50	260
5	80	350
6	100	500
:	:	:
:	:	:

00748901.132700

FIG. 2

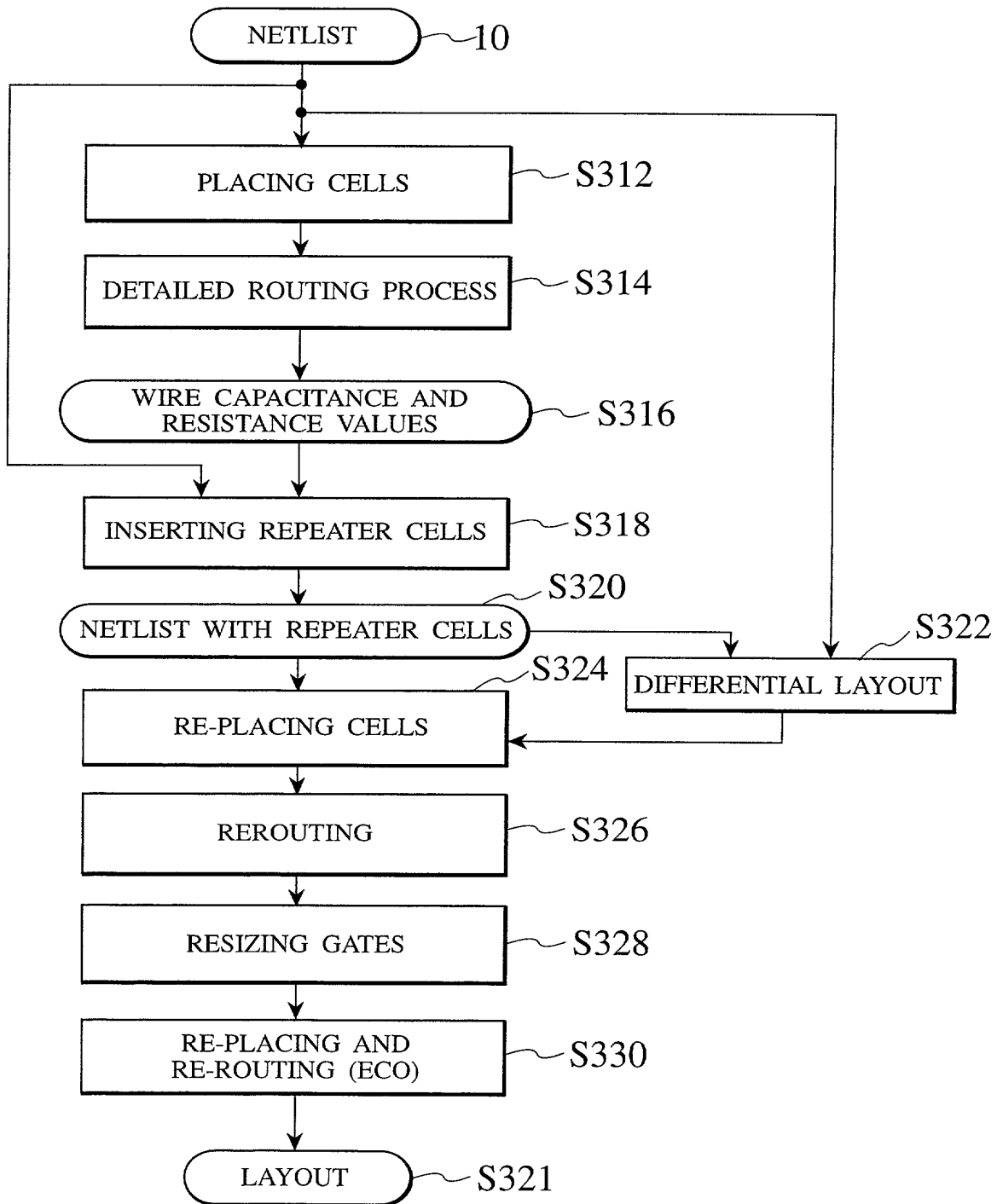


FIG. 3

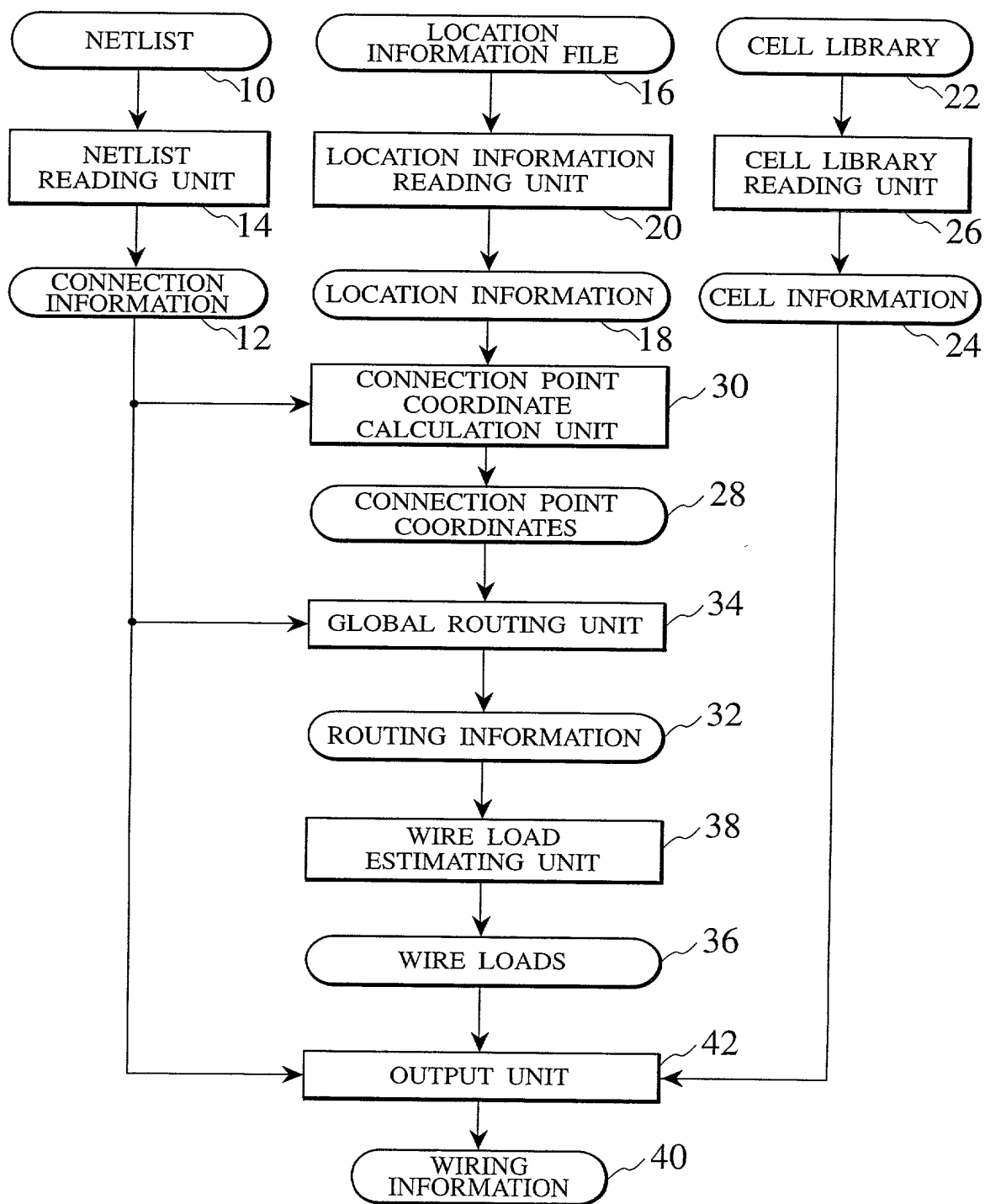


FIG. 4

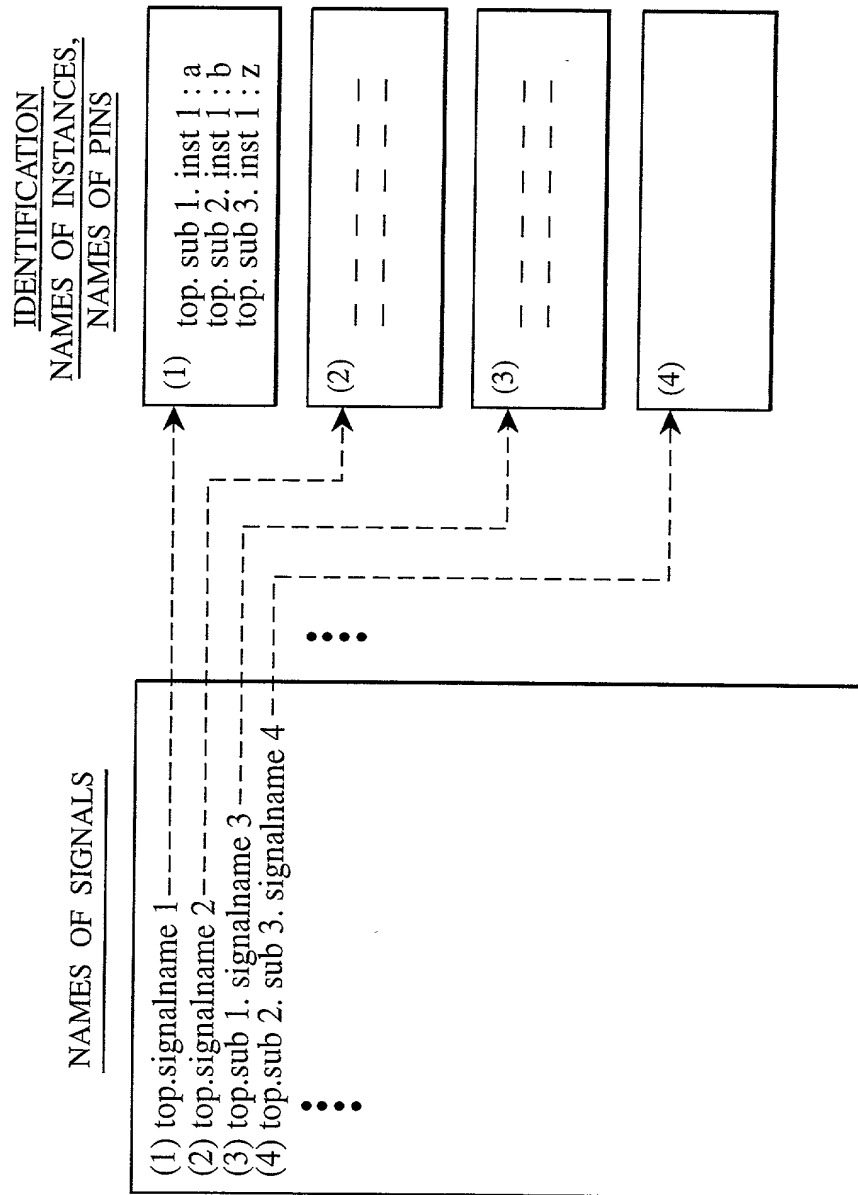


FIG. 5

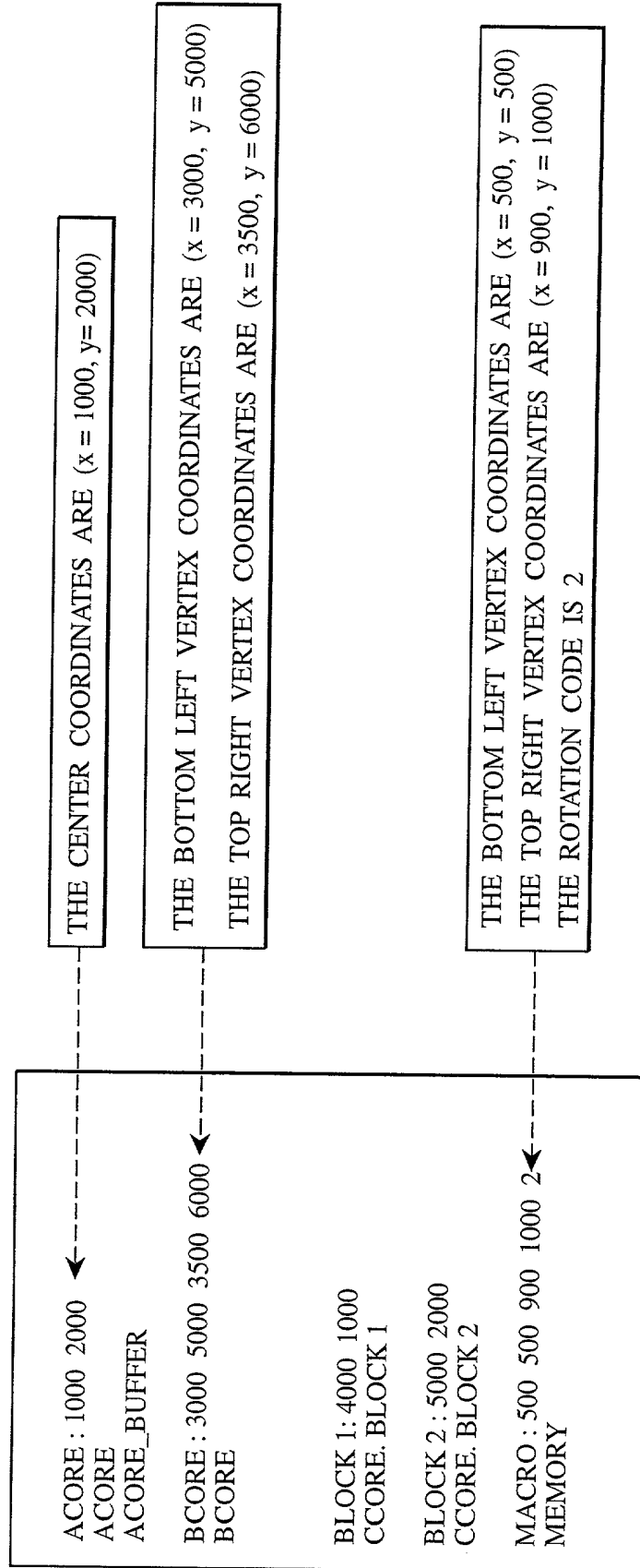


FIG. 6

ROTATION CODE

- 0: NO ROTATION
- 2: ROTATION OF 90 DEGREES IN THE LEFT DIRECTION
- 4: ROTATION OF 180 DEGREES
- 6: ROTATION OF 90 DEGREES IN THE RIGHT DIRECTION
- 12: MIRROR-IMAGING AROUND THE x-DIRECTION
- 8: MIRROR-IMAGING AROUND THE y-DIRECTION
- 10: MIRROR-IMAGING AROUND THE x-DIRECTION
FOLLOWED BY ROTATION OF 90 DEGREES IN THE LEFT DIRECTION
- 14: MIRROR-IMAGING AROUND THE x-DIRECTION
FOLLOWED BY ROTATION OF 90 DEGREES IN THE RIGHT DIRECTION

FIG. 7

NAME OF BLOCK	NAME OF PIN	x-COORDINATE AND y-COORDINATE	
MEMORY 1	A0	100	0
MEMORY 1	A1	200	0
MEMORY 1	A2	300	0
⋮			
MEMORY 2	A0	0	100
MEMORY 2	A1	0	200

FIG. 8

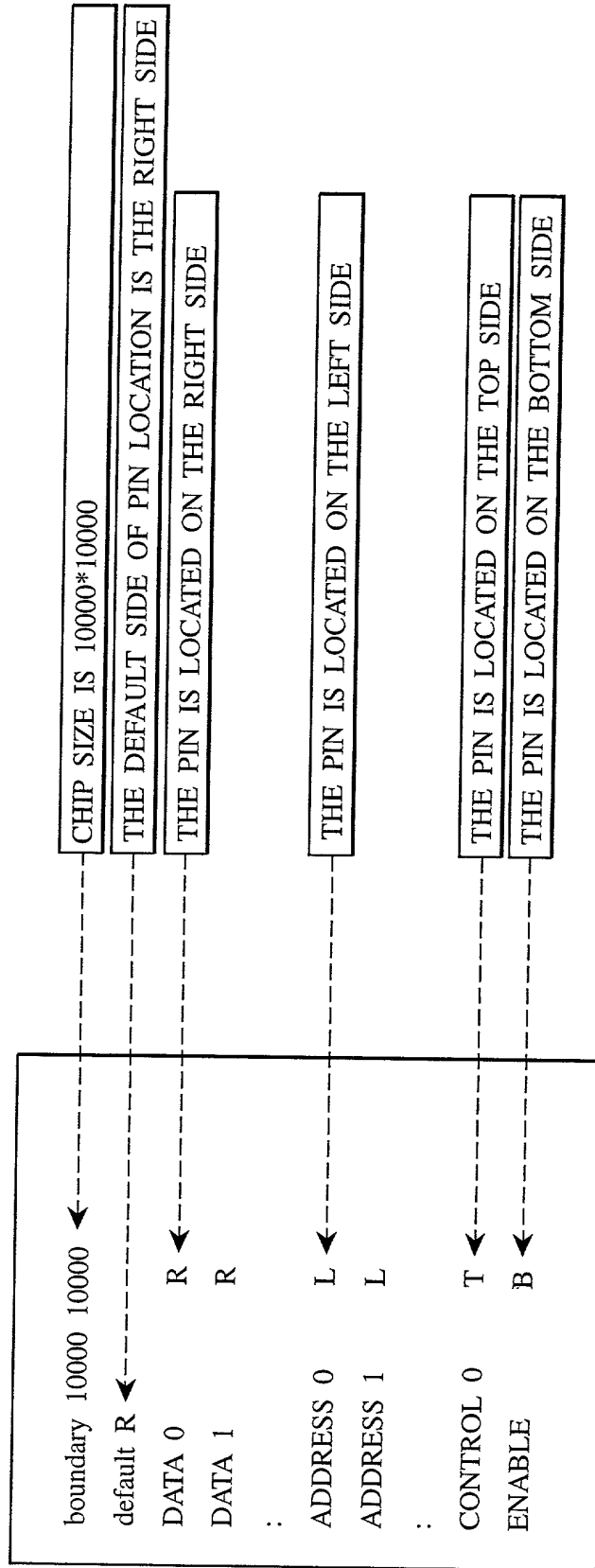


FIG. 10

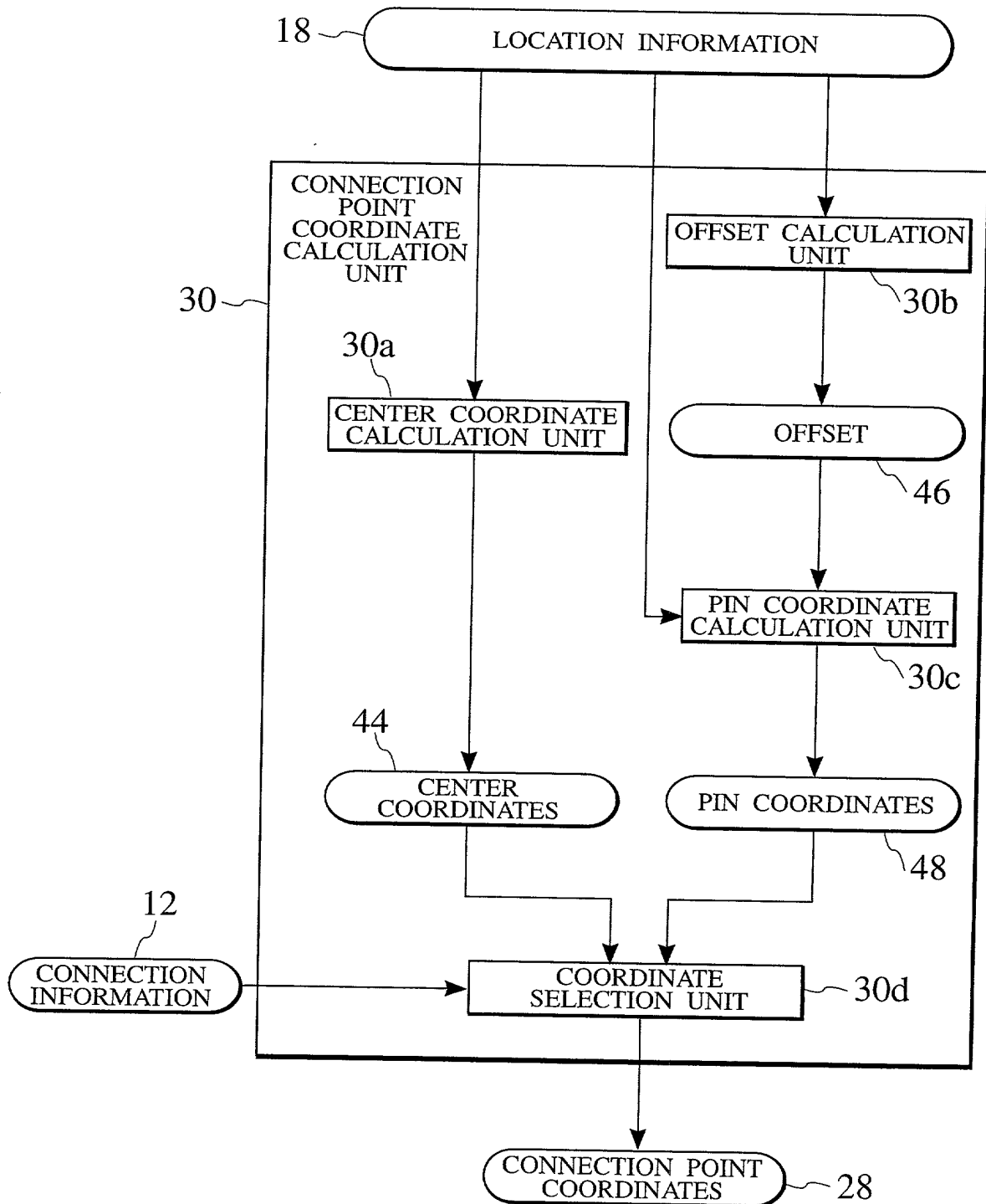
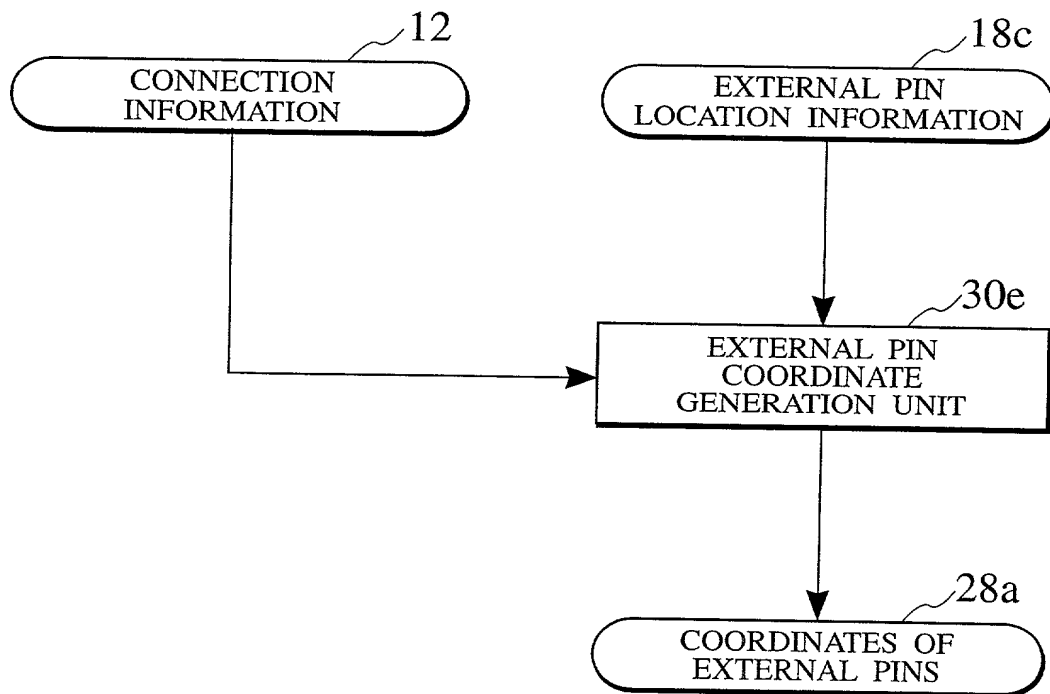
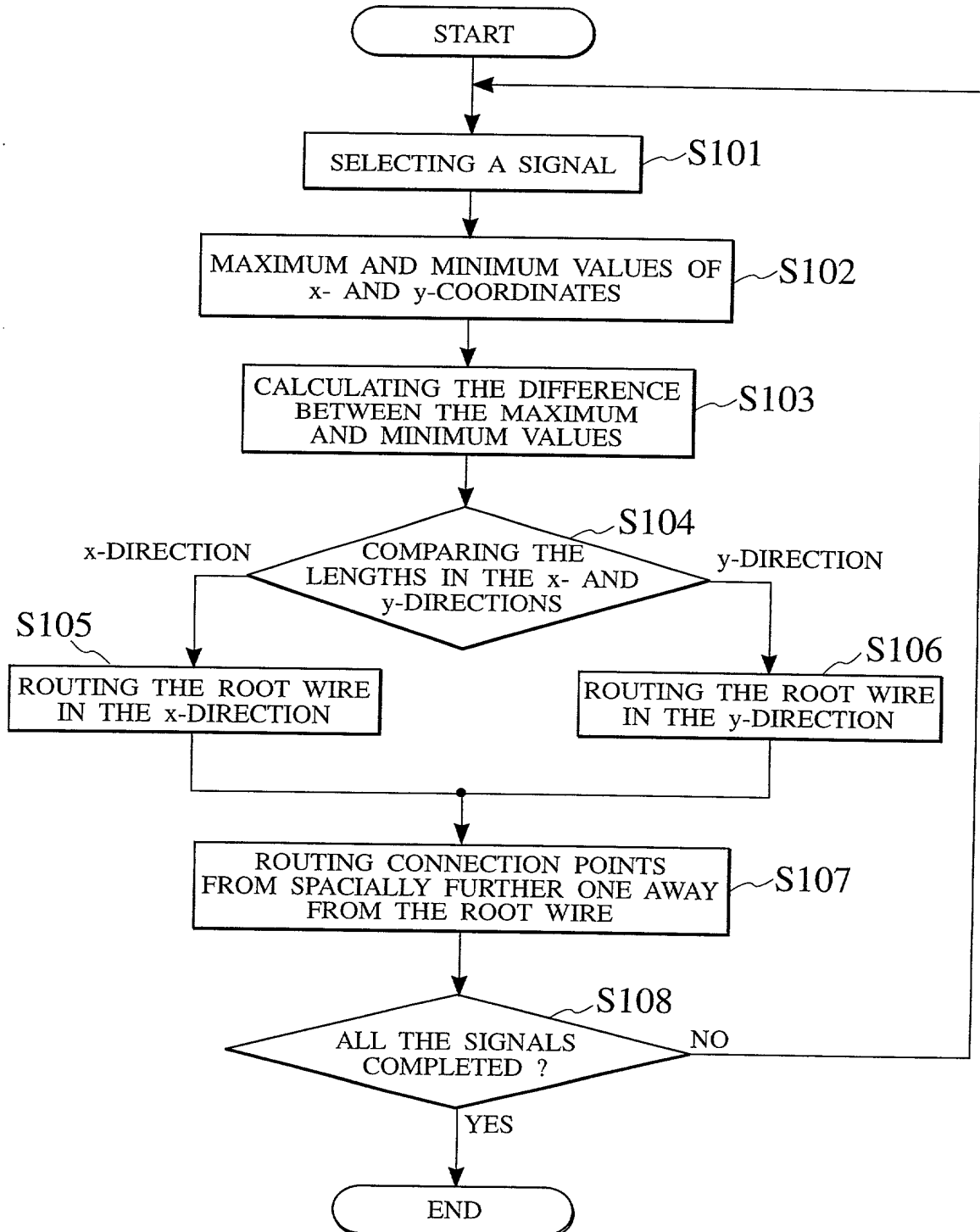


FIG. 11



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FIG. 12



004221" F0684/60

FIG. 13A

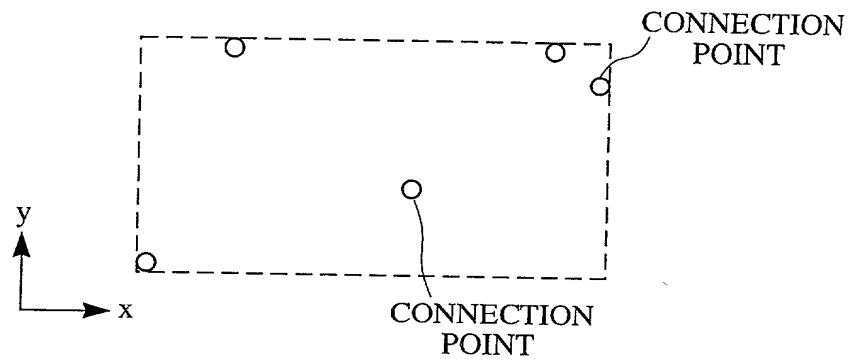


FIG. 13B

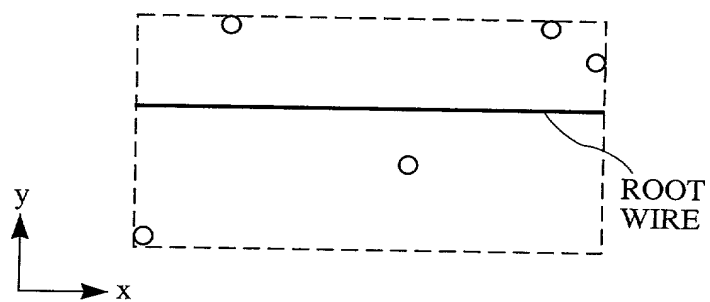


FIG. 13C

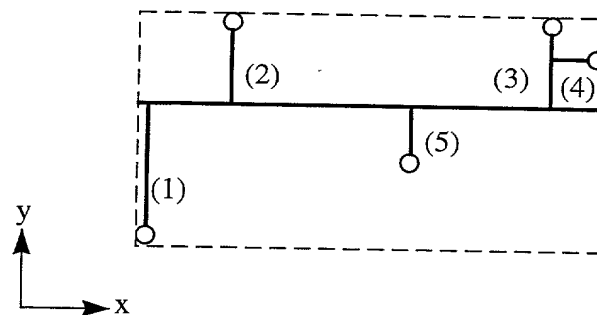


FIG. 14

NAME OF SIGNAL	CAPACITANCE VALUE	CONNECTION NODE	POINT	NAME OF PIN IN/OUT	CAPACITANCE VALUE	x-COORDINATE	y-COORDINATE
* NET DATAOUT_4_0.742980PE							
* 1 (LITE_255.M10 : A LITE_255.M10 A					0.013360PF	-197917	-750000)
* 1 (LITE_255.M4 : A LITE_255.M4 A					0.044753PF	-197917	-750000)
* 1 (SAM_HOS_TOP.HOS_HS.HSDAT_reg_4_					Q SAM_HOS_TOP.HOS_HS.HSDAT_reg_4_	Q	0.000000PF -190740 -328505)
Cg1_30 N138_281_5	0 8.700e-15						
Cg2_30 N138_282_127	0 9.744e-14						
Cg3_30 N138_282_155	0 9.744e-14						
Cg4_30 N138_282_183	0 9.744e-14						
Cg5_30 N138_282_211	0 5.923e-14						
Cg6_30 N138_282_37	0 9.744e-14						
Cg7_30 N138_282_65	0 9.744e-14						
Cg8_30 N138_282_9	0 5.742e-14						
Cg9_30 N138_282_93	0 5.916e-14						
Cg10_30 N138_282_99	5 0.916e-14						
Cg11_30 SAM_HOS_TOP.HOS_HS.HSDAT_reg_4_	Q N138_281_5	0.100					
R1_30 LITE_255.M10:A	N138_281_5	0.100					
R2_30 LITE_255.M4:A	N138_281_5	0.100					
R3_30 SAM_HOS_TOP.HOS_HS.HSDAT_reg_4_	Q N138_282_211	16.300					
R4_30 N138_282_211	N138_282_183	75.600					
R5_30 N138_282_183	N138_282_155	75.600					
R6_30 N138_282_155	N138_282_127	75.600					
R7_30 N138_282_127	N138_282_99	75.600					
R8_30 N138_282_99	N138_282_93	16.200					
R9_30 N138_282_93	N138_282_65	75.600					
R10_30 N138_282_65	N138_282_37	75.600					
R11_30 N138_282_373	N138_282_9	75.600					
R12_30 N138_282_9	N138_281_5	13.500					

<===WIRE RESISTANCE VALUE

<===WIRE RESISTANCE VALUE

FIG. 15

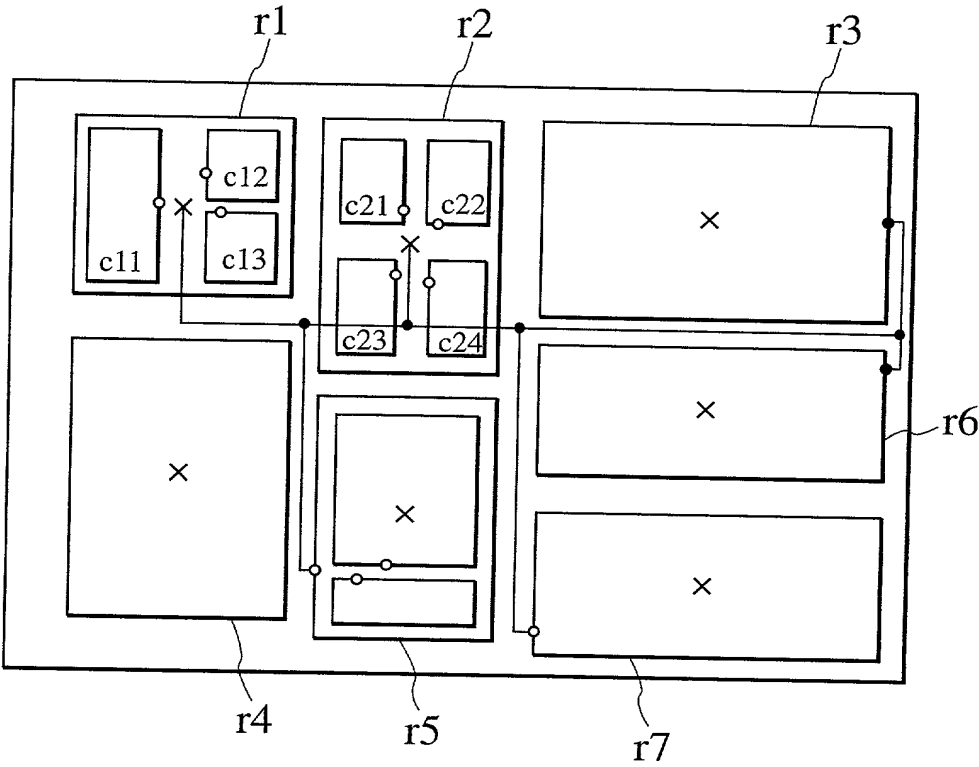


FIG. 16

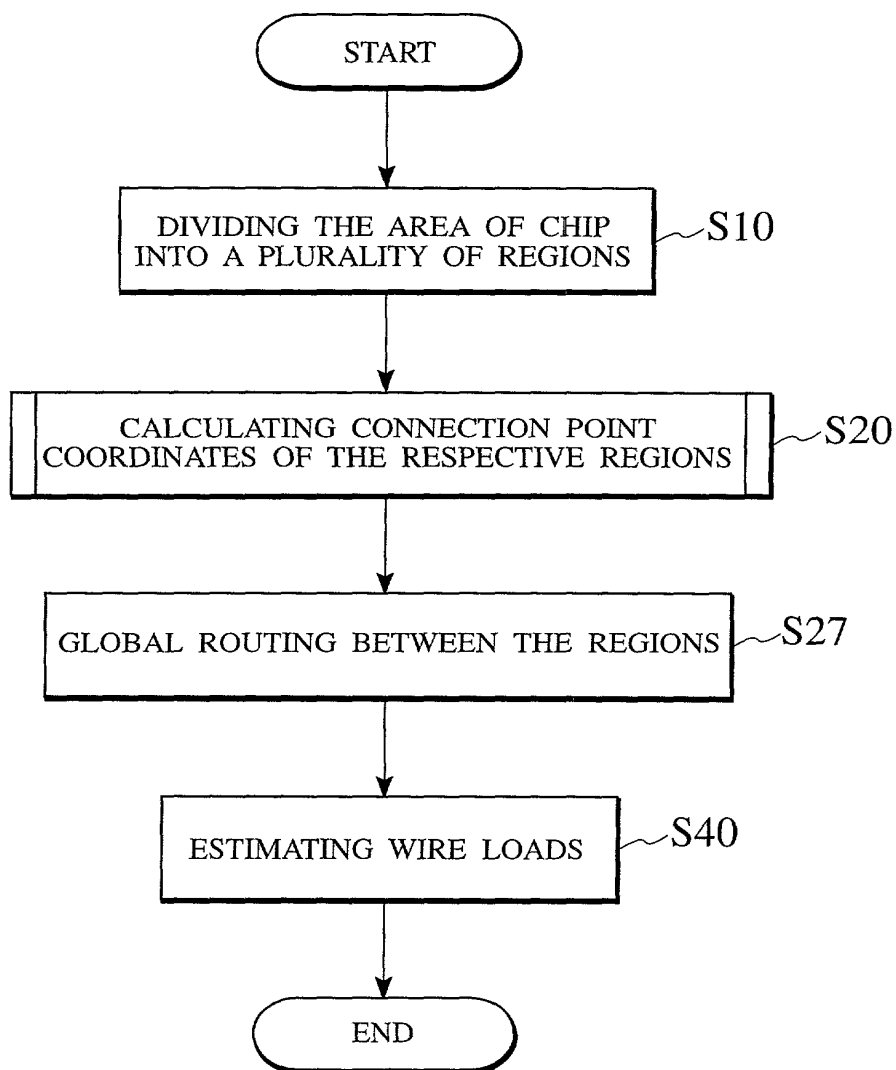


FIG. 17A

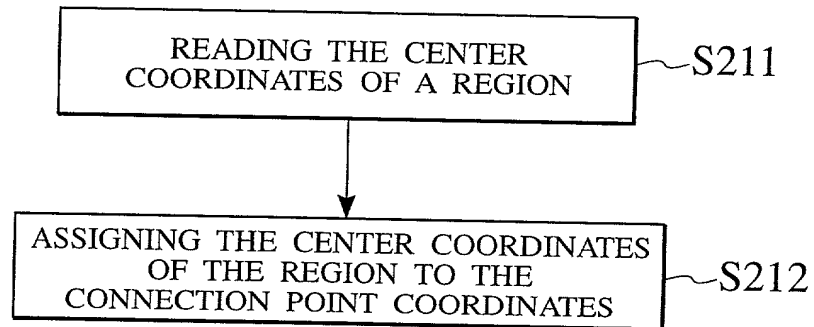


FIG. 17B

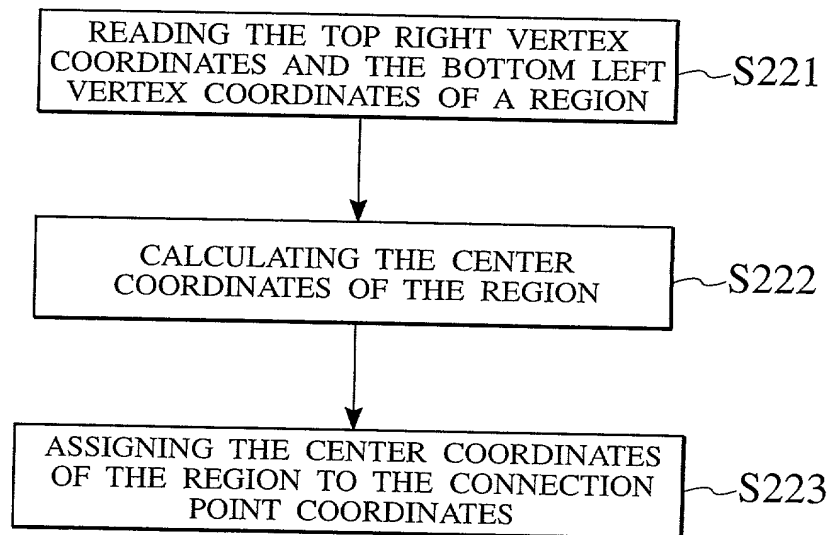


FIG. 18A

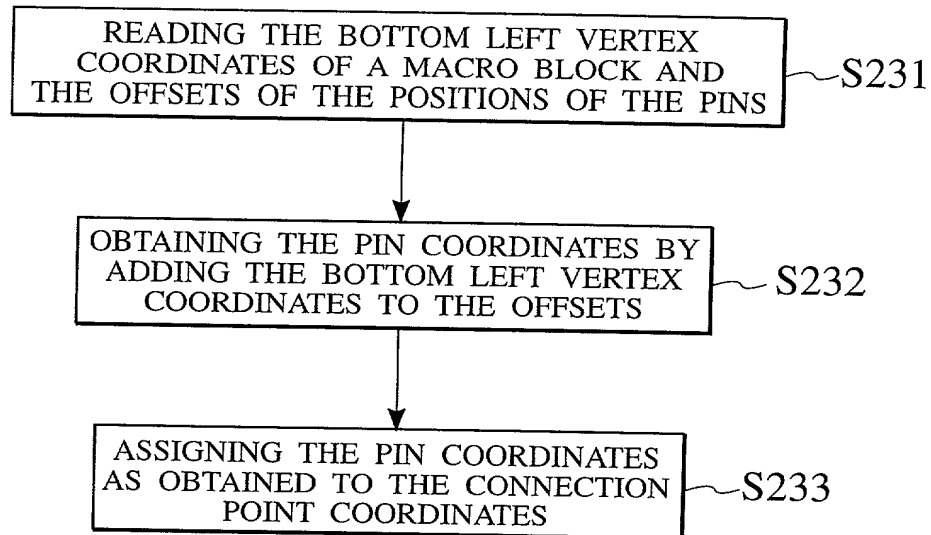


FIG. 18B

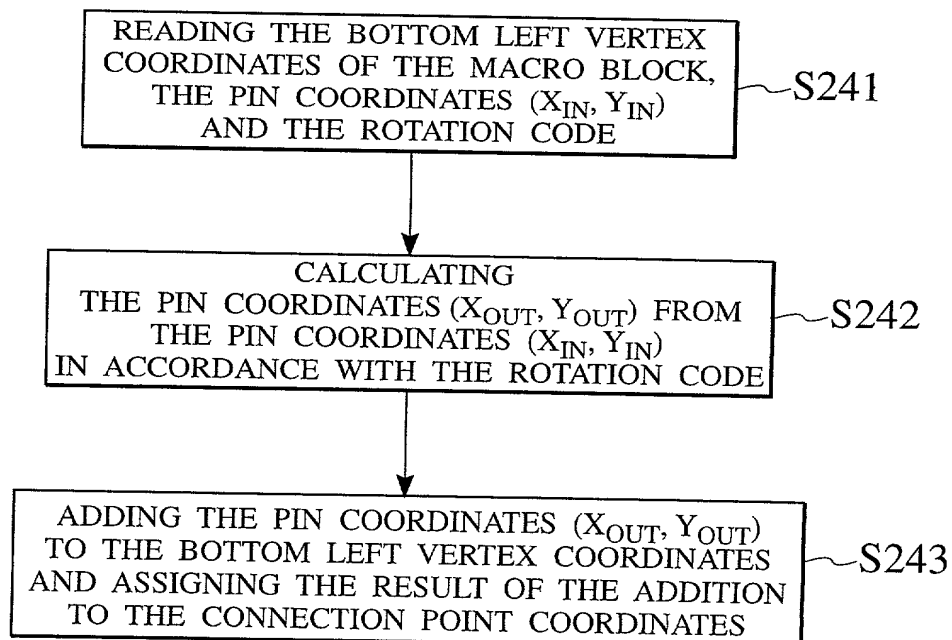


FIG. 19

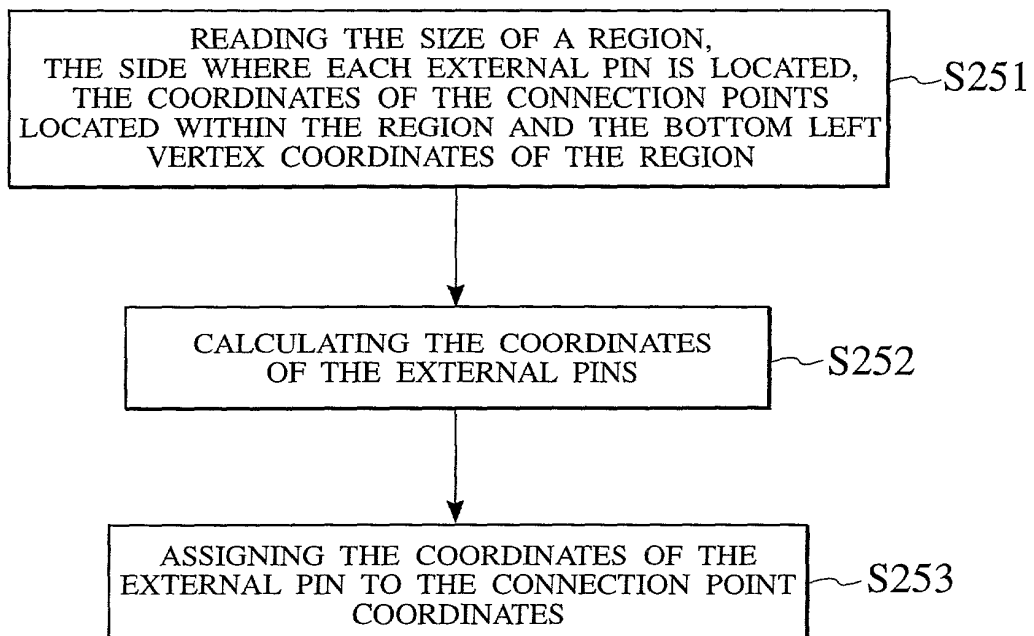


FIG. 20

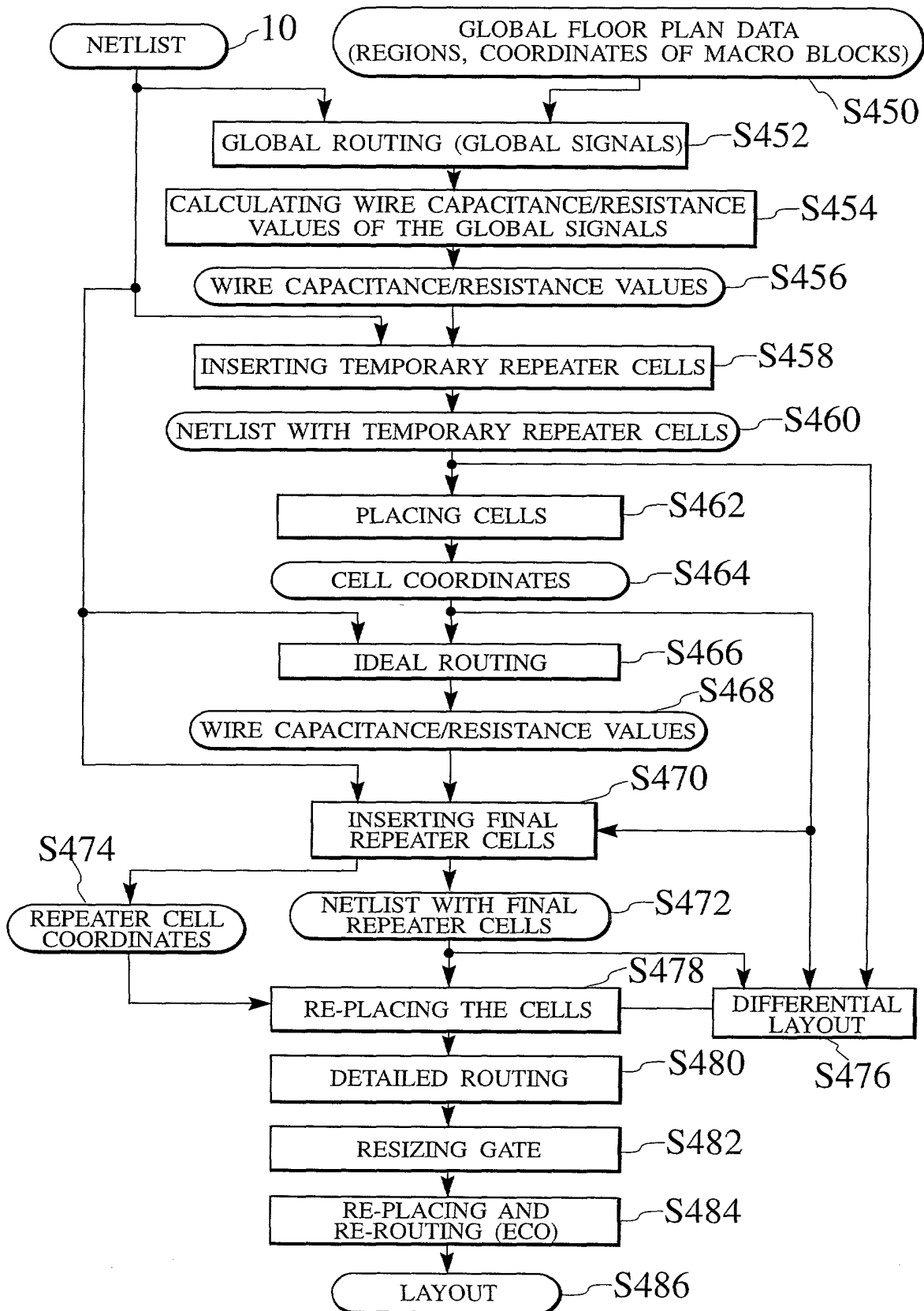


FIG. 21

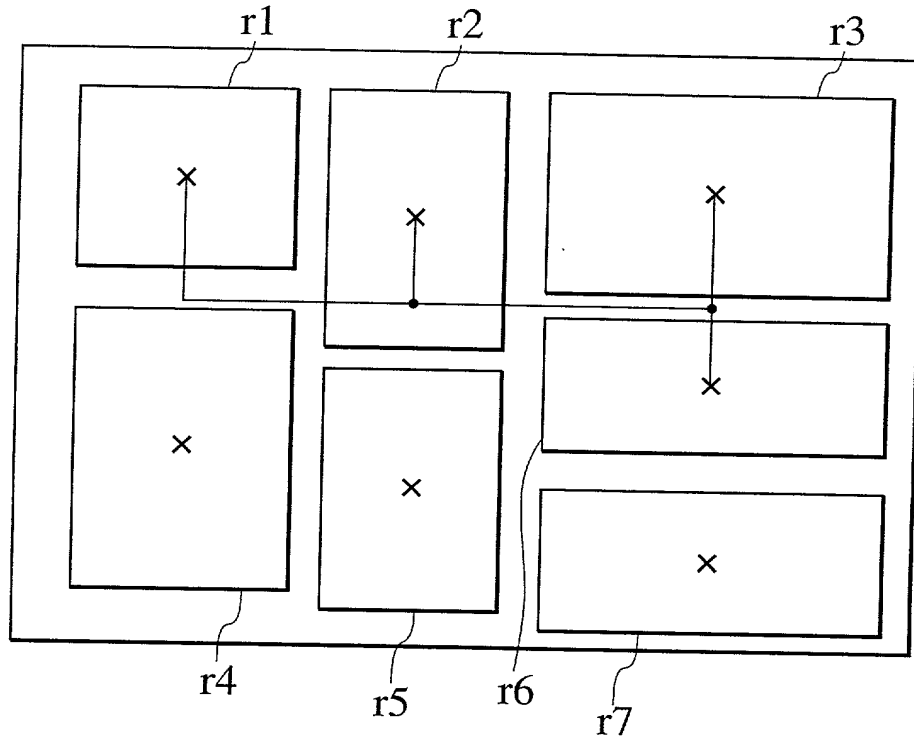


FIG. 22

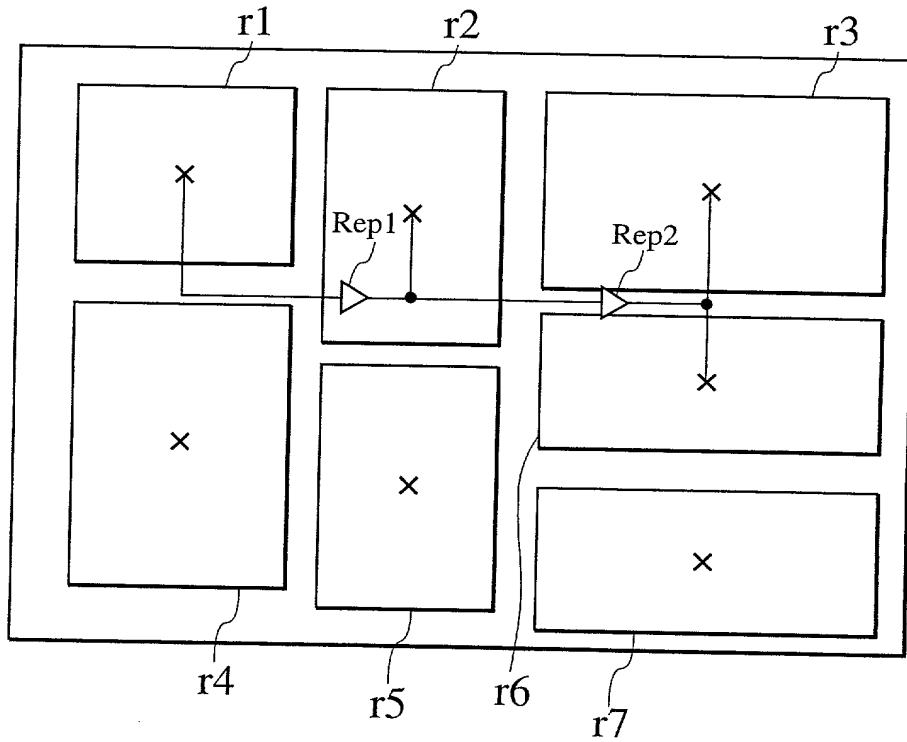


FIG. 23

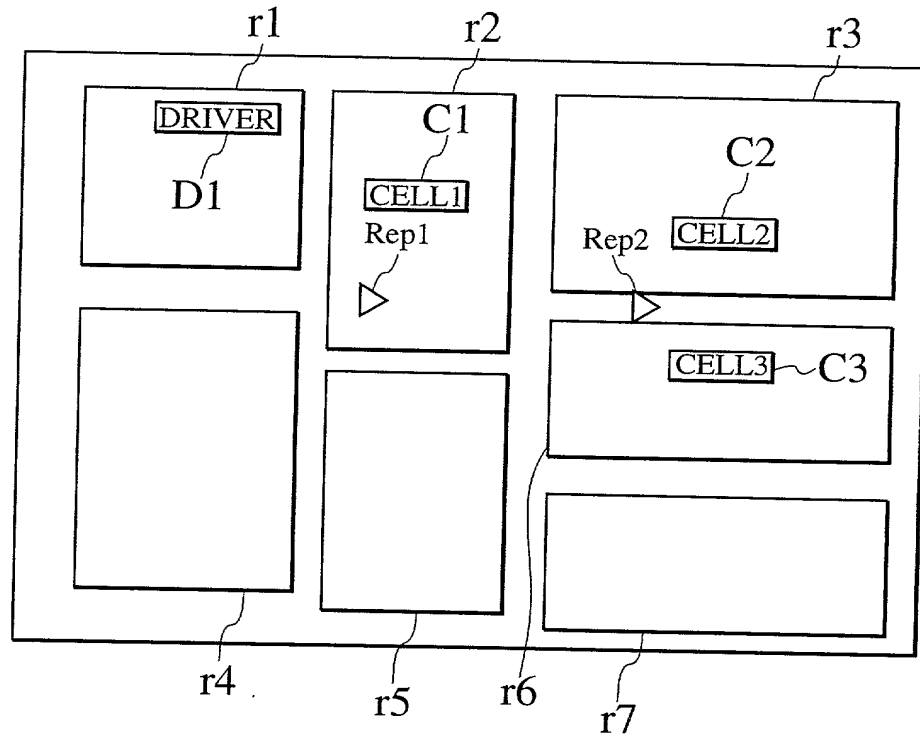


FIG. 24

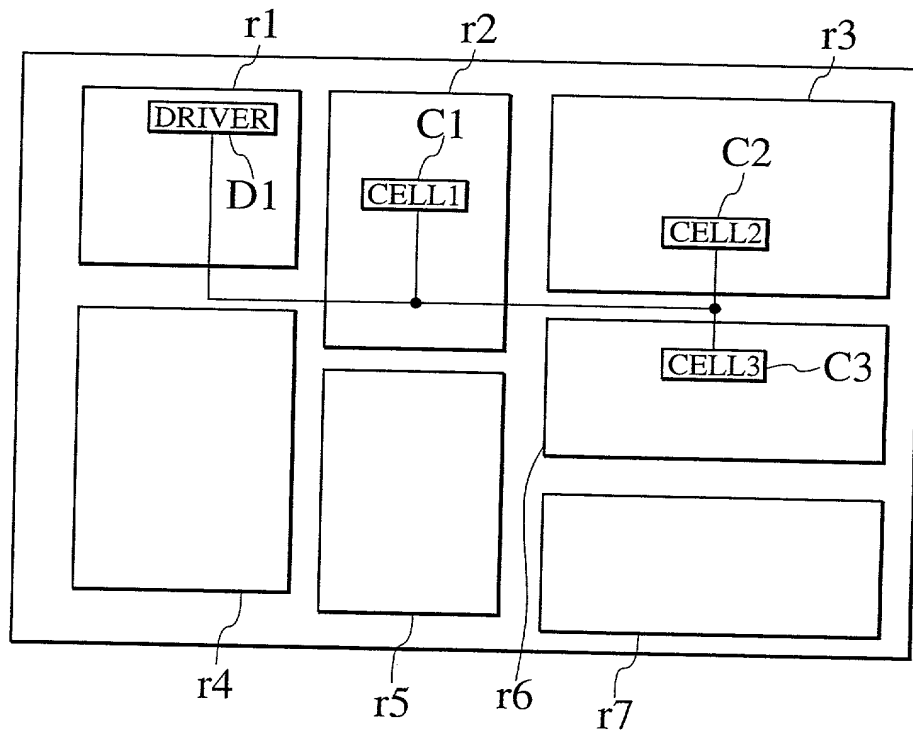


FIG. 25

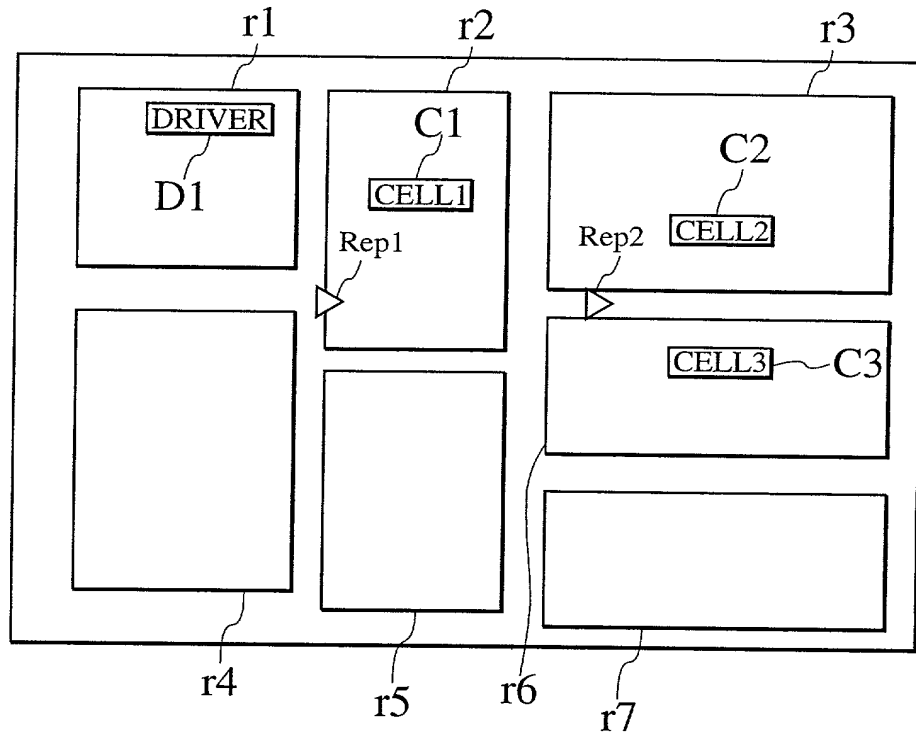


FIG. 26

